

AMENDMENTS TO THE CLAIMS

Please cancel claims 4-16 and 18-23 without prejudice or disclaimer as to their subject matter by this amendment, amend claim 17 by this amendment and newly add claims 25-43 by this amendment as follows:

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1. (Previously Amended) A method, comprising the steps of:
displaying a menu and an indicator for selecting one of menu items of said menu;
making a selection of a menu item by using said indicator;
displaying a sub menu corresponding to the selected menu item, with said sub menu being
comprised of a plurality of sub menu items contextually related to said menu item; and
automatically adjusting the position of said indicator to be located within said sub menu.

2. (Original) The method of claim 1, further comprised of automatically, initially displaying
said indicator superimposed upon a first sub menu item of said sub menu upon initial said displaying
of said sub menu.

3. (Previously Presented) The method of claim 1, further comprised of:
initiating display of said menu on a display screen by manually pressing a key on said remote
controller;
moving said indicator within said screen by manipulating a cursor controller mounted on said
remote controller; and

6 making said selection by manual manipulation of said selection key.

4 Claims 4 through 16 (Cancelled)

1 17. (Currently Amended) A television apparatus, comprising:

2 a trackball on a remote controller ~~for controlling~~ adapted to control the movement of an
3 indicator on a television display screen relative to a predetermined initial position of said indicator
4 on the screen to select a displayed menu item;

5 a trackball movement sensor sensing a shift value of the movement of said trackball along
6 X-Y coordinates relative to the predetermined initial position of said indicator;

7 a selection key which selects said menu items;

8 a menu key which displays said menu on said television display screen;

9 a shift value data storage unit accommodating the storing shift value data corresponding to
10 the movement of said trackball relative to the initial indicator position;

11 a control commander selecting the control function corresponding to said menu item where
12 said indicator is located when said selection key is activated;

13 a data generator, responsive to said remote controller for generating data corresponding to
14 the stored shift value of said trackball received from said shift value data storage unit when said
15 remote controller is activated; and

16 a transmitting ~~means~~ unit accommodating coding and transmitting data from said data
17 ~~generating means~~ data generator to an electrical appliance; and

18 wherein said electrical appliance comprises:

19 a receiver accommodating the data transmitted by said transmitting means unit;

20 a display control unit, connected to said receiver, displaying a menu on said television display
21 screen according to said received data;

22 an indicator display unit, said indicator display unit displays said indicator in a center point
23 of a selected submenu;

24 said television display screen;

25 a microprocessor; and

26 a menu storage means unit, connected to said display control unit, ~~for providing~~ adapted to
27 provide data which is displayed on said television display screen, the indicator display unit causing
28 the location of the indicator on the television display screen to move on the display screen when the
29 trackball moves, the indicator display unit also causing the indicator to suddenly and automatically
30 jump to a new location on the television display screen when said television display screen displays
31 a different menu.

1 Claims 18 through 23 (Cancelled).

1 24. (Previously Presented) The method of claim 1, further comprising of:

2 storing a location of the selected menu item within a display screen; and

3 automatically adjusting the display of said indicator to the stored location of the selected
4 menu item when said sub menu is erased.

1 25. (New) The method of claim 1, said indicator being a pointer.

1 26. (New) The method of claim 1, said making step comprising user manipulation of a
2 trackball causing said indicator to move on a display to the selected menu item, said automatically
3 adjusting the position of the indicator step comprising sudden translation of said indicator across the
4 display to the submenu at a time simultaneous with the displaying of the sub menu.

1 27. (New) The method of claim 26, said sudden translation of the indicator being absent of
2 movement of said trackball.

1 28. (New) The method of claim 26, said sudden translation of said indicator being brought
2 about automatically and absent any user manipulation.

1 29. (New) The method of claim 1, further comprising the step of erasing the submenu
2 automatically causing said menu items to reappear and automatically and simultaneously causing
3 said indicator to skip back to said previously selected menu item.

1 30. (New) The television apparatus of claim 17, further comprising an enlargement/reduction
2 key adapted to cause the size and location of a displayed menu to suddenly change a size and a
3 location on the display while simultaneously causing said indicator to jump to a new location within

4 the changed menu when the enlargement/reduction key is depressed by the user, said jump in the
5 location of the indicator not being brought about by said trackball.

1 31. (New) A method of controlling a pointer on a display, comprising:
2 pressing a button on a control panel causing a main menu to appear and simultaneously and
3 automatically causing the pointer to appear within the main menu, the main menu having a plurality
4 of menu items, the pointer being automatically placed in a first of said plurality of menu items;
5 manually manipulating a device causing the pointer to gradually move to a user selected
6 menu item; and
7 pressing a button on the control panel causing selection of said menu item containing said
8 pointer and thus automatically causing a sub menu to appear on the display and simultaneously,
9 suddenly and automatically causing said pointer to move to said sub menu.

1 32. (New) The method of claim 31, said device that is manually manipulated to move the
2 pointer being a track ball.

1 33. (New) The method of claim 31, each menu item in said main menu being represented
2 by a tetragon, the pointer being in a geometric center of said first of said plurality of said menu items.

1 34. (New) The method of claim 31, said sub menu comprising a plurality of sub menu items,
2 each sub menu item being represented by a tetragon, said pointer being initially located in a

3 geometric center of a first or top sub menu item.

1 35. (New) The method of claim 31, further comprising causing said submenu to disappear,
2 causing said display to display said main menu with the pointer in said previously selected menu
3 item of said main menu.

1 36. (New) The method of claim 35, said pointer automatically reappearing in said previously
2 selected menu item in said main menu without any user manipulation of any control when said main
3 menu reappears.

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1 37. (New) The method of claim 31, further comprising pressing a button on said control
2 panel causing an image on the display to disappear and causing said main menu to appear enlarged,
3 said pointer being automatically moved to said enlarged main menu on said display without any
4 further user manipulation.

1 38. (New) The method of claim 31, said control panel being on a remote control device
2 physically separated from the display.

1 39. (New) A method for controlling the location of a pointer on a display, comprising:
2 displaying a main menu having a plurality of menu items while simultaneously displaying
3 the pointer on the display;

4 moving a location of the pointer on the display to one of said plurality of menu items on said
5 main menu via user manipulation of a trackball;
6 selecting said menu item where said pointer is present by user pushing a button on a control;
7 and
8 suddenly displaying a submenu comprising a plurality of sub menu items on said display
9 while simultaneously and automatically having the location of the pointer on the display to skip to
10 a location within said submenu.

40. The method of claim 39, said submenu being distinguished from said main menu.

41. (New) The method of claim 39, said main menu disappearing from the display when said
submenu appears.

42. (New) The method of claim 39, said display being a high definition television.

43. (New) The method of claim 39, further comprising reverting back to the main menu from
the submenu causing the main menu to reappear at a location on the display different from where
the submenu appeared, causing the pointer to automatically skip back to said selected menu item on
said main menu.